HEATING ENGINE AND SPEED CONTROLLING FOR STIRLING ENGINE

Patent number:

JP10325360

Publication date:

1998-12-08

Inventor:

KUROSAWA YOSHIO

Applicant:

KUROSAWA YOSHIO

Classification:

- international:

F02G1/055; F01K25/00

- european:

Application number:

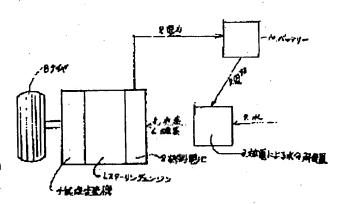
JP19970175104 19970527

Priority number(s):

Abstract of JP10325360

PROBLEM TO BE SOLVED: To prevent the generation of harmful exhaust gas and easily control the speed of a Stirling engine by generating heat by combining hydrogen with oxygen in a fuel cell and by heating the Stirling engine by the generated heat to produce power.

SOLUTION: In a water decomposing unit 3, hydrogen 5 and oxygen 6 are generated by electric discharge and the generated hydrogen 5 and oxygen 6 are passed through a fuel cell 2 to generate the heat of reaction and a Stirling engine 1 is rotated by the heat. The fuel cell 2 generates an electricity, which is charged in a battery 10. The rotational speed of the Stirling engine 1 is controlled by a continuously variable transmission 4 which suitably transmits the rotational speed of the engine to a drive wheel including a tire 8 to run a vehicle.



Data supplied from the esp@cenet database - Worldwide